

## Abstract of the Disclosure

A magnetic assembly structure includes a yoke formed of a magnetic material to be connected on a first lead frame and separated at a connection portion, at least one feeder terminal having an anticorrosion feature and exhibiting solderability, formed to be connected on a second lead frame thinner than the first lead frame and to be separated at a connection portion, at least one feeder terminal being arranged to be insulated from the yoke, a base formed of anti-solderability resin for insulating at least a part between the yoke and the terminal, in which the connection portion of the yoke to be separated is incorporated not to protrude outside, and a ring type magnet arranged above the yoke.

[illegible]